

Converting Colors

YIQ(181.2360, -1.9790, 41.3890)

Have a look what the booklet for
YIQ(181.2360, -1.9790, 41.3890)
contains.

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Color

**YIQ(181.2360, -1.9790,
41.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9BFE
RGB	205, 155, 254
RGB Percent	80%, 61%, 100%
CMY	0.1959, 0.3922, 0.0040
CMYK	0.19, 0.39, 0.00, 0.00
HSL	270°, 98%, 80%
HSV	270°, 39%, 100%
XYZ	54.7934, 43.5758, 99.2709
YIQ	181.2360, -1.9790, 41.3890

Conversions

Conversions Part 2

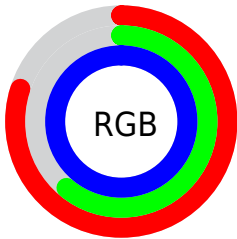
Format	Color
R _Y B	205, 155, 254
Decimal	13474814
CIE Lab	71.94, 37.06, -42.30
CIE LCh	72, 56.245, 311.223
Yxy	43.5758, 0.2772, 0.2205
Android (android.graphics.Color)	4291664894 (0xFFCD9BFE)
YUV	181.2360, 35.8727, 20.8410
Hunter-Lab	66.0120, 32.6432, -42.9537

Details

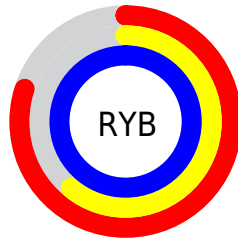
The YIQ color $181.2360, -1.9790, 41.3890$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $227.7640, 1.9790, -41.3890$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $228.5850, 12.3750, 23.5350$, and $127.4700, -2.7580, 38.9860$ is the 20% darker color. If you saturate the color by 10%, you get $162.6740, -2.8520, 51.7080$, and if you desaturate by 10%, it is $199.7980, -1.1060, 31.0700$.

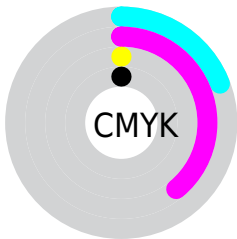
Distribution



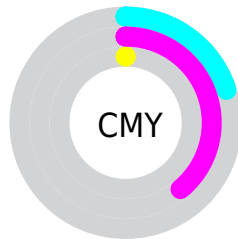
- Red (80%)
- Green (61%)
- Blue (100%)



- Red (80%)
- Yellow (61%)
- Blue (100%)



- Cyan (19%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.2360, -1.9790, 41.3890 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 181.2360, -1.9790, 41.3890 by changing the saturation by 10% instead.


 181.2360, -1.9790,
41.3890


 181.2360, -1.9790,
41.3890

255.0000, -0.0000,
-0.0000


 154.2960, -2.2080,
40.0320


 228.5850, 12.3750,
23.5350


 127.4700, -2.7580,
38.9860

 245.6080, 4.4000,
8.3680

 101.5300, -2.9870,
37.6290

 76.5900, -3.2160,
36.2720

 51.4650, -4.3620,
35.0140

 26.1660, -4.9580,
34.8020

 13.6180, -9.5870,

25.0770

■ 5.6030, -14.3990,
13.1610

■ 3.0950, -7.3370,
6.3190

■ 181.2360, -1.9790,
41.3890

■ 181.2360, -1.9790,
41.3890

■ 162.6740, -2.8520,
51.7080

■ 199.7980, -1.1060,
31.0700

■ 143.8240, -2.8540,
62.7620

■ 218.6480, -1.1040,
20.0160

■ 125.2620, -3.7270,
73.0810

■ 237.2100, -0.2310,
9.6970

■ 106.4120, -3.7290,
84.1350

■ 254.8860, 0.3210,
-0.3110

■ 87.8500, -4.6020,
94.4540

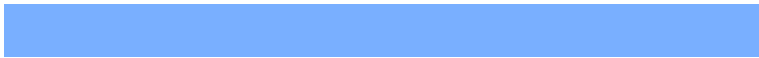
■ 69.5870, -4.8790,
104.9850

■ 67.2280, -5.2460,
106.1300

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.9740, -57.8640, 13.4320



181.2360, -1.9790, 41.3890



180.4190, 45.9780, 47.8180

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



181.2360, -1.9790, 41.3890



173.2400, 69.0050, -11.5950



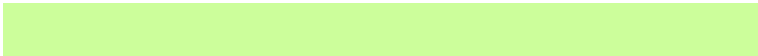
140.8040, -118.1450, -45.0010

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



181.2360, -1.9790, 41.3890



227.7640, 1.9790, -41.3890

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



145.4340, -76.4210, -52.2690



181.2360, -1.9790, 41.3890



169.5530, 39.4820, -32.7260

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



181.2360, -1.9790, 41.3890



172.8400, 77.0240, 13.7920



162.8170, -5.5400, -42.7880



144.5150, -132.7280, -28.5040

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



181.2360, -1.9790, 41.3890



173.7930, 59.1840, 39.7600



162.8170, -5.5400, -42.7880



138.7520, -112.3670, -50.5990

Sweetspot

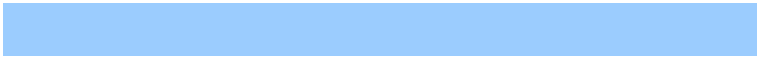
The Sweet Spot groups the original color and five complimentary colors.



181.2360, -1.9790, 41.3890



232.3180, -0.4150, 13.0330



195.0490, -45.2540, 5.1620



114.7430, -0.4140, 7.5060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



181.2360, -1.9790, 41.3890



166.9190, -2.1640, 50.2520



195.8870, 27.2250, 51.7770



118.2760, -0.5970, 5.3150



50.7770, -3.4990, 79.9650



16.8640, -1.4720, 26.6880

Inverse Universe

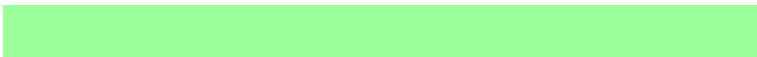
The Inverse Universe completely reimagines the original color for something new.



190.1870, 43.2750, 36.2270



177.6060, 52.5810, 43.7890



213.1130, -27.2250, -51.7770



119.5710, 5.8220, 4.6220



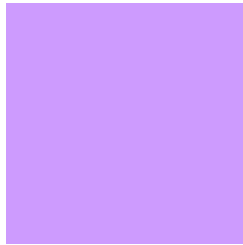
67.9390, 83.3410, 70.0370



22.7840, 27.8720, 23.5200

Previews

White Background



This preview shows how the YIQ color 181.2360, -1.9790, 41.3890 looks on a white background.

Color Contrast Check

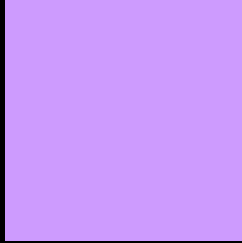
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 181.2360, -1.9790, 41.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

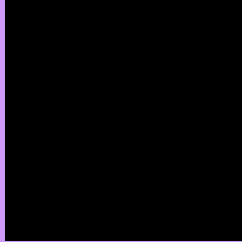
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 181.2360, -1.9790, 41.3890

Background



This preview shows how black text looks on a background with the YIQ color 181.2360, -1.9790, 41.3890.



This preview shows how white text looks on a background with the YIQ color 181.2360, -1.9790,

41.3890.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

181.2360, -1.9790, 41.3890

Protanopia

176.0580, -40.3050, 20.1030

Deuteranopia

176.0750, -38.9750, 18.0250



Tritanopia

178.3590, 9.5350, 8.9190

Trichromacy



Original Color

181.2360, -1.9790, 41.3890

Protanomaly

177.9290, -26.4600, 28.0040

Deuteranomaly

178.0600, -25.4510, 26.2370

Tritanomaly

179.5840, 4.9480, 20.4680

Monochromacy



Original Color

181.2360, -1.9790, 41.3890

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.4860, -0.8280, 15.0120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.2360, -1.9790, 41.3890 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(205, 155, 254)` looks like.

```
.text, #text, p{  
    color:rgb(205, 155, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(205, 155, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 155, 254) }
```

Border

The CSS property to change the border of an element to YIQ 181.2360, -1.9790, 41.3890 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 155, 254) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(205, 155, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(205, 155, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 155, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 155, 254);  
box-shadow:4px 4px 4px 4px rgb(205, 155,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 181.2360, -1.9790, 41.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 155, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(205,  
155, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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